



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/616,492
Filing Date	07/08/2003
First Named Inventor	Yao-Sheng Lee
Art Unit	1763
Examiner Name	
Attorney Docket Number	074361.00015

Sheet 1 of 2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
BT		US- 6,350,390	02-26-2002	Liu et al.	
		US- 6,514,378	02-04-2003	Ni et al.	
		US- 5,545,290	08-13-1996	Douglas	
		US- 2002/0037647	03-28-2002	Hwang et al.	
		US- 2003/0059720	03-27-2003	Hwang et al.	
		US- 6,323,132	11-27-2001	Hwang et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
BT		JP 09050983	02-18-1997	Fujitsu Ltd.		
BT		JP 09162164	06-20-1997	Fujitsu Ltd.		
BT		JP 404294533	10-19-1992	Nakamura, Tomoko		
BT		JP 403141640	06-17-1991	Tatsumi, Tetsuya		

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Binh Tran

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5/25/05

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BT		S. OKU, Y. SHIBATA, and K. OCHIAI, "Controlled Beam Dry Etching of InP by Using Br ₂ -N ₂ Gas," J. Electron Mater., Vol 25, pp. 585-591, 1996.	
↓		D.J. THOMAS K. POWELL, M.M. BOURKE, Y.P. SONG and C. FRAGOS, "High Density Plasma Etch Processes for the Manufacture of Optoelectronic Devices based on InP", GaAs MANTECH Digest of Papers - 2001, pp 172-174	
↓		D. LISHAN, J. LEE, and G. KIM, "InP Processing Using an HBr High Density ICP Plasma", GaAs MANTECH Digest of Papers - 2001, pp 175-178	
↓		S. AGARWALA, K. NÜMMILA, H., I. ADESIDA, C. CANEAU, AND R. BHAT, "InAlAs/InGaAs Heterostructure FET's Processed with Selective Reactive-Ion Etching Gate-Recess Technology" IEEE Electron Device Letters, Vol. 14, No. 9 pp 425-427 Sept. 1993	
BT		K. SHINODA, A. TAIKE, H.SATO, AND H. UCHIYAMA, "Highly Reliable InGaAsP/InP Lasers with Defect-Free Regrowth Interfaces Formed by Newly Composed HBr-Based Solutions" 2001 International Conference on Indium Phosphide and Related Mat. pp 409-412 May 2001	

Examiner Signature	Binh Tran	Date Considered	5/25/05
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